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Sheet 1 of 1

<b>FORM PTO-1449</b> (REV. 6-89) <b>PATENT INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)	<b>U.S. DEPARTMENT OF COMMERCE</b> Patent and Trademark Office	<b>Attorney's Docket No.</b> 31192-05069	<b>Serial No.</b> 09/651,301
	<b>Applicant</b> Friesen, et al.		
	<b>Filing Date</b> 08/30/2000	<b>Group Art Unit</b> 2161	

### U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>JA</i>	A	4,674,044	06/16/87	Kalmus, et al.	364	408	
<i>JA</i>	B	4,799,156	01/17/89	Shavit, et al.	364	401	
<i>JA</i>	C	5,347,452	09/13/94	Bay, Jr.	705	37	
<i>JA</i>	D	5,375,055	12/20/94	Togher, et al.	364	408	
<i>JA</i>	E	5,844,572	12/01/98	Schott	345	440	
<i>JA</i>	F	5,966,139	10/12/99	Anupam, et al.	345	440	10/30/96
<i>JA</i>	G	6,188,403	02/13/01	Sacerdoti, et al.	345	339	11/21/97
	H						
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	J						
	K						

### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>JA</i>	L	0 388 162 A2	03/1990	EP	G06F	15/30		
	M							
	N							
	O							
	P							

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JA</i>	Q	"How the Futures Markets Work," Jake Bernstein, 1989, New York Institute of Finance, pp. 62-67
<i>JA</i>	R	"Dictionary of Finance and Investment Terms," John Downes and Jordan Elliot Goodman, 1998, Barrons Educational Services, Inc., page 329
<i>JA</i>	S	Java Island, copyright 1999 (printed from <a href="http://www.isld.com">http://www.isld.com</a> on June 11, 1999)
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<b>EXAMINER</b> <i>[Signature]</i>	<b>DATE CONSIDERED</b> 10/8/00
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EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.  
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9/26/05